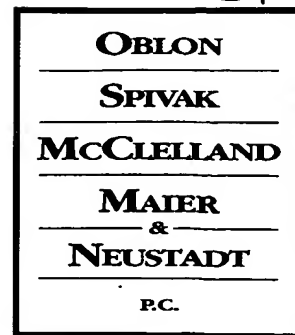




Docket No.: 263365US0X PCT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313



ATTORNEYS AT LAW

RE: Application Serial No.: 10/518,072  
Applicants: Mylene WEILL, et al.  
Filing Date: December 16, 2004  
For: NOVEL ACETYLCHOLINESTERASE GENE  
RESPONSIBLE FOR INSECTICIDE RESISTANCE  
AND APPLICATIONS THEREOF  
Group Art Unit:  
Examiner:

SIR:

Attached hereto for filing are the following papers:

**Notification of Defective Response - Attorney/Applicant Copy**  
**Response to Notification of Defective Response - 2 pgs.**  
**Computer-Readable Sequence Listing (Diskette)**

Our check in the amount of \$0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon

Charles J. Andres, Jr., Ph.D.  
Registration No. 57,537

Customer Number  
**22850**  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/518,072	Mylene Weill	263365US0X PCT

INTERNATIONAL APPLICATION NO.
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PCT/FR03/01876

I.A. FILING DATE	PRIORITY DATE
06/19/2003	06/20/2002

22850  
 OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
 1940 DUKE STREET  
 ALEXANDRIA, VA 22314

CONFIRMATION NO. 5727

371 FORMALITIES LETTER



\*OC000000022596870\*

Date Mailed: 02/22/2007

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 12/16/2004
- Copy of the International Search Report filed on 12/16/2004
- Information Disclosure Statements filed on 12/16/2004
- Biochemical Sequence Diskette filed on 09/22/2005
- Oath or Declaration filed on 09/22/2005
- Biochemical Sequence Listing filed on 12/16/2004
- Request for Immediate Examination filed on 12/16/2004
- Copy of references cited in ISR filed on 12/16/2004
- U.S. Basic National Fees filed on 12/16/2004
- Priority Documents filed on 12/16/2004

RECEIVED:

OBLON, SPIVAK, McCLELLAND  
 MAIER & NEUSTADT, P.C.

DOCKETING DEPT.

Initials/Date Docketed:

Type of Resp(s):

Due Date(s):

Applicant's response filed 09/22/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 06/22/2005 have not been completed.

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d). Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under

**37 CFR 1.136(a).**

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/518,072	PCT/FR03/01876	263365US0X PCT



SOCKET NO: 263365US0X PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
MYLENE WEILL, ET AL. : ATTN: BOX SEQUENCE  
SERIAL NO: 10/518,072 :  
FILED: DECEMBER 16, 2004 :  
FOR: NOVEL :  
ACETYLCHOLINESTERASE GENE  
RESPONSIBLE FOR INSECTICIDE  
RESISTANCE AND APPLICATIONS  
THEREOF

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Responsive to the Notification of Defective Response, Applicants submit this paper:

**Remarks/Arguments** begin on page 2 of this paper.

REMARKS/ARGUMENTS

Responsive to the Notification of Defective Response of February 22, 2007, and as a courtesy to the Office, Applicants re-submit herewith a copy of the computer readable form of the substitute Sequence Listing originally submitted to the Office on September 22, 2005.

The sequence information recorded in the computer-readable form of substitute Sequence Listing is identical to the paper copy of the substitute Sequence Listing originally submitted on September 22, 2005. Support for all of the sequences listed in the computer readable form of the substitute Sequence Listing is found in the present application as originally filed. No new matter has been introduced by the re-submission of the computer-readable substitute Sequence Listing.

Applicants submit that this paper, and the accompanying computer readable form of the substitute Sequence Listing, constitute a complete and full response to the Notification of Defective Response, and that the present application is ready for examination on the merits. Early notice to this effect is earnestly solicited.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.  
Norman F. Oblon



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Charles J. Andres, Jr., Ph.D.  
Attorney of Record  
Registration No. 57,537

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(OSMMN 06/04)